

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 - 65. (Canceled).

Claim 66. (New) A process for inhibiting growth of a target cell comprising administering to a target cell an antimicrobial peptide comprising a periodic peptide with repeating identical monomer units of 2, 3, or 4 residues, wherein the target cell is selected from the group consisting of bacteria, yeast, and fungi, and the antimicrobial peptide is administered in an amount effective to inhibit growth of said target cell, and wherein the periodic peptide is selected from the group consisting of Seq. ID. No. 1-23, 29-61, and 64.

Claim 68. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 1.

Claim 69. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 2.

Claim 70. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 3.

Claim 71. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 4.

Claim 72. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 5.

Claim 73. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 6.

Claim 74. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 7.

Claim 75. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 8.

Claim 76. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 9.

Claim 77. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 10.

Claim 78. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 11.

Claim 79. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 12.

Claim 80. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 13.

Claim 81. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 14.

Claim 82. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 15.

Claim 83. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 16.

Claim 84. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 17.

Claim 85. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 18.

Claim 86. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 19.

Claim 87. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 20.

Claim 88. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 21.

Claim 89. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 22.

Claim 90. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 23.

Claim 91. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 29.

Claim 92. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 30.

Claim 93. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 31.

Claim 94. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 32.

Claim 95. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 33.

Claim 96. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 34.

Claim 97. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 35

Claim 98. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 36.

Claim 99. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 37.

Claim 100. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 38.

Claim 101. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 39.

Claim 102. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 40.

Claim 103. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 41.

Claim 104. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 42.

Claim 105. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 43

Claim 106. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 44.

Claim 107. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 45.

Claim 108. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 46.

Claim 109. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 47.

Claim 110. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 48.

Claim 111. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 49.

Claim 112. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 50.

Claim 113. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 51.

Claim 114. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 52.

Claim 115. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 53.

Claim 116. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 54.

Claim 117. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 55.

Claim 118. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 56.

Claim 119. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 57.

Claim 120. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 58.

Claim 121. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 59.

Claim 122. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 60.

Claim 123. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 61.

Claim 124. (New). The process of claim 66, wherein the periodic peptide is Seq. ID. No. 64.

Claim 125. (New). A process for killing a target cell comprising administering to a target cell an antimicrobial peptide comprising a periodic peptide with repeating identical monomer units of 2, 3, or 4 residues, wherein the target cell is selected from the group consisting of bacteria, yeast, and fungi, and the antimicrobial peptide is administered in an amount effective to kill said target cell, and wherein the periodic peptide is selected from the group consisting of Seq. ID. No. 1-23, 29-61, and 64.

Claim 126. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 1.

Claim 127. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 2.

Claim 128. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 3.

Claim 129. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 4.

Claim 130. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 5.

Claim 131. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 6.

Claim 132. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 7.

Claim 133. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 8.

Claim 134. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 9.

Claim 135. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 10.

Claim 136. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 11.

Claim 137. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 12.

Claim 138. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 13.

Claim 139. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 14.

Claim 140. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 15.

Claim 141. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 16.

Claim 142. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 17.

Claim 143. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 18.

Claim 144. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 19.

Claim 145. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 20.

Claim 146. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 21.

Claim 147. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 22.

Claim 148. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 23.

Claim 149. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 29.

Claim 150. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 30.

Claim 151. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 31.

Claim 152. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 32.

Claim 153. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 33.

Claim 154. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 34.

Claim 155. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 35.

Claim 156. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 36.

Claim 157. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 37.

Claim 158. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 38.

Claim 159. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 39.

Claim 160. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 40.

Claim 161. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 41.

Claim 162. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 42.

Claim 163. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 43.

Claim 164. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 44.

Claim 165. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 45.

Claim 166. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 46.

Claim 167. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 47.

Claim 168. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 48.

Claim 169. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 49.

Claim 170. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 50.

Claim 171. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 51.

Claim 172. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 52.

Claim 173. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 53.

Claim 174. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 54.

Claim 175. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 55.

Claim 176. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 56.

Claim 177. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 57.

Claim 178. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 58.

Claim 179. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 59.

Claim 180. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 60.

Claim 181. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 61.

Claim 182. (New). The process of claim 125, wherein the periodic peptide is Seq. ID. No. 64.